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&gt; Getting Started with the ELS:2002 Data



# Getting Started with the ELS:2002 Data

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&gt; Getting Started with the ELS:2002 Data &gt; Module Objectives

00:00:41

**Module Objectives**

- Introduce users to the data collected across the data collection rounds of the [Education Longitudinal Study of 2002 \(ELS:2002\)](#)
- Describe the contents of the data files and their variables
- Describe the process of accessing the public-use ELS:2002 data via eDAT
- Describe the process of accessing the restricted-use data via the Electronic Code Book, or ECB
- Provide resources that are available to learn more about the study, the data, and the data file

00:03:06




- SELECT SURVEY**

Select a survey below

  - ✓ ☐ ECLS-K (Early Childhood Longitudinal Study - Kindergarten Class of 1998-99)
  - ✓ ☐ ELS (Education Longitudinal Study of 2002)
    - ☐ ELS 2002/12
  - ✓ ☐ HSL (High School Longitudinal Study of 2009)
  - ✓ ☐ NEL (National Education Longitudinal Study of 1980)
  - ✓ ☐ NHE (National Household Education Survey)
  - ✓ ☐ SASS (Schools and Staffing and Teacher Follow-up surveys)
  - ✓ ☐ SSCS (School Survey on Crime and Safety)

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> Getting Started with the ELS:2002 Data > ELS:2002 Data Files (Continued)

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**ELS:2002 Data Files (Continued)**

- Some ELS files and variables are not available within eDAT public-use data files and require a restricted-use license
  - High school transcripts and school catalog
  - Postsecondary institution files
    - Integrated Postsecondary Education Data System (IPEDS) linked information
  - Administrative data files
    - Contain data from Free Application for Federal Student (FAFSA) and National Student Loan Data System (NSLDS)
  - Barron's Competitiveness index file
  - General Educational Development (GED) testing service file
  - Geocode file
  - In some cases, NCES creates composite variables of restricted-use data for inclusion in the public-use weights and composites files


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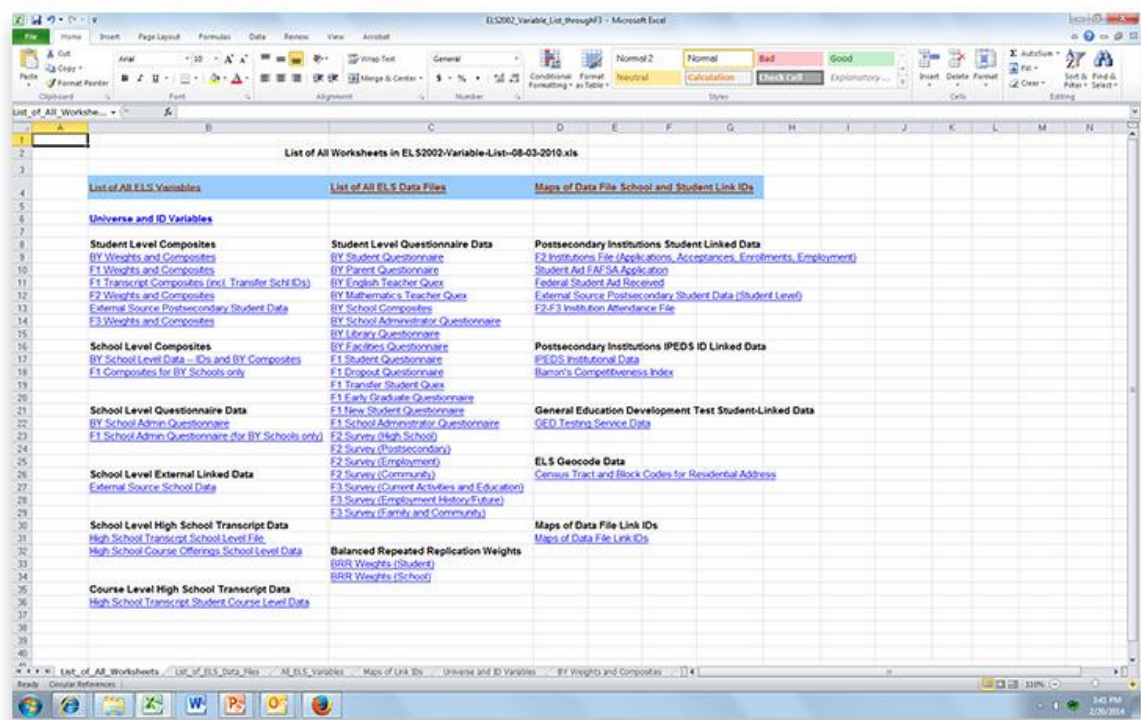
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> Getting Started with the ELS:2002 Data > ELS:2002 Variable List

## ELS:2002 Variable List

00:00:30



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> Getting Started with the ELS:2002 Data > The ELS:2002 Electronic Code Book (ECB) Description Window

00:02:42

# The ELS:2002 Electronic Code Book (ECB) Description Window

Variable List Filtering

Search Text:

Filter On: ☒ Variable Name ☒ Variable Label ☒ Variable Description

Filter by Section: [Choose Section\(s\)](#)  
- Applies to variable list (not working taglist)

[Narrow](#) [Expand](#) [Undo Last](#) [Reset List](#) [Reset Taglist](#)

Variable List (currently displaying: 2 variables)

Currently Loaded Data File: Student File (BYF3STU.PRI)

Variable Name	Variable Label
BYHOMLANG	Student's native language-composite
F1HOMLANG	F1 student's native language-composite

Working Taglist (currently displaying: 3 variables)

Currently Loaded Taglist: None


Variable Description:

- BYHOMLANG was previously named HOMELANG on the BY ECB.
- On the public use file, native languages were grouped, for confidentiality reasons, from student questionnaire items BY567 and BY568 to yield the following values: English, Spanish, Other European Language, West/South Asian Language, Pacific Asian/Southeast Asian Language, Other language.
- Note: HOMELANG is derived from the unimputed student questionnaire variables (BY567, BY568) whereas STLANG includes imputed values for cases in which BY567 was indeterminate.

SAS Code:

```
if BY567=1 then HOMELANG=1; /* English */
else if BY568=1 then HOMELANG=2; /* Spanish */
else if BY568 IN(6,7,8,9,10,15) then HOMELANG=3; /* Other European Language */
else if BY568 IN(11,12,13,14) then HOMELANG=4; /* West/South Asian Language */
else if BY568 IN(2,3,4,5,16,17,18) then HOMELANG=5; /* Pacific Asian/Southeast Asian Language */
else if BY568 IN(19,20) then HOMELANG=6; /* Other */
else HOMELANG=-9; /* Missing if a value is not chosen */
Source: ELS:2002 Student Questionnaire
```

[Return to variable listing](#)

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> Getting Started with the ELS:2002 Data > ELS:2002 Composites

00:02:31

## ELS:2002 Composites

- Types of composite variables available for analysis
  - Combination of data from multiple data sources, such as transcript and instrument data (F2HSSTAT)
  - Combination of data from multiple variables according to some construct (F1SES2)
  - Logically and/or statistically imputed values (F1SEX, F1TXMI1R)
  - Linked data files merged to the student level by STU\_ID (F2SWITCH)
  - Recode of verbatim questionnaire responses (F2MAJOR4)
  - Data from survey control system (F2UNIV1)
- The source data for all composite variables is included in the ELS:2002 [data files](#)
- The code to produce the composites, if available, is included in the Electronic Code Book (ECB) or eDAT Description Window


&gt; Getting Started with the ELS:2002 Data &gt; Which data file should I use?

00:00:30

## Which data file should I use?

Summary of all available ELS:2002 data:

ELS:2002 Base Year to Third Follow-up Data Availability						
	Base Year	First Follow-up	High School transcripts	Second Follow-up	Third Follow-up	Postsecondary transcripts
Year conducted:	2002	2004	2005	2006	2012	2013
Date available:	Now	Now	Now	Now	Now	Spring 2015
Restricted-use DVD 2014-362	✓	✓	✓	✓	✓	Released as a separate file
Public-use (EDAT) 2014-365	✓	✓		✓	✓	



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> Getting Started with the ELS:2002 Data > Restricted-Use ELS:2002 Data

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Restricted-Use ELS:2002 Data



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Restricted Use Data Licenses

Restricted-use Data Applicants:

This online application system is for organizations interested in obtaining restricted-use data. Our goal is to maximize the use of statistical information, while protecting individually identifiable information from disclosure. This Electronic Application System was created to facilitate the restricted-use data application process, as well as to explain the laws and regulations governing these data. It is also used to process users' requests for License amendments. Additional information about the Licensing process is in the [Accessing and Using Restricted-Use Data FAQ](#), [Licensing Procedures FAQ](#), and [IES Restricted Use Data Procedures Manual](#). Remaining questions can be answered by sending an email to [IESData.Security@ed.gov](mailto:IESData.Security@ed.gov).

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&gt; Getting Started with the ELS:2002 Data &gt; ELS:2002 Weight Variables

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**ELS:2002 Weight Variables**

- Weights must be used to ensure accurate analysis of ELS data
- Weight variables are found under the Student File within the eDAT
  - Weights and Composites for BY, F1, F2, and F3 files
  - Files that begin, "Weight Replicates..."
  - ID and Universe Variables

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&gt; Getting Started with the ELS:2002 Data &gt; ELS:2002 Reserve Codes

00:01:53

**ELS:2002 Reserve Codes**

- {-1} Don't know
- {-2} Refused to answer question
- {-3} Item legitimate skip/NA
- {-4} Non-respondent
- {-5} Out of range
- {-6} Multiple response
- {-7} Partial interview breakoff
- {-8} Survey component legitimate skip
- {-9} Missing

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&gt; Getting Started with the ELS:2002 Data &gt; ELS:2002 Student-level Analysis Files

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**ELS:2002 Student-level Analysis Files**

- All student-level ELS analysis files will contain the same number of records
- Use the ID and Universe variables to understand the status of sample members across the ELS data collection rounds
- Consider reserve codes carefully as decisions are made regarding recoding missing data

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&gt; Getting Started with the ELS:2002 Data &gt; Accessing ELS:2002 Data

00:01:08

**Accessing ELS:2002 Data**

- ELS:2002 data are released in two formats
  - eDAT for public-use data
    - Files are output in seven formats
  - ECB for restricted-use data (requires a restricted-use license)
    - Files are output in three formats

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&gt; Module Title &gt; Summary and Resources

00:01:15

**Summary and Resources**

This module has:

- Introduced users to the data collected across the data collection rounds of the Education Longitudinal Study of 2002 (ELS:2002)
- Described the contents of the data files and their variables
- Described the process of accessing the public-use ELS:2002 data via eDAT
- Described the process of accessing the restricted-use data via the Electronic Code Book, or ECB
- Provided resources that are available to learn more about the study, the data, and the data file

Resources

- [Education Longitudinal Study of 2002 \(ELS:2002\)](#)
- [eDAT website](#)
- [ELS:2002 Variable List and Available Data](#)
- [ELS:2002 Data File Documentation](#)
- [Restricted-Use ELS:2002 Data](#)
- [ELS:2002 Sample Design, Weights, Variance, and Missing Data](#)